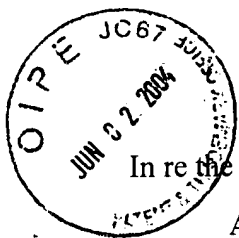


Appln. No.: 10/005,656
Request for Consideration of IDS



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Anthony C. Mulligan, et al.

Serial No.: 10/005,656

Filed: December 4, 2001

For: Methods for Preparation of Three-Dimensional
Bodies

Atty. Docket No.: 003248.00040

Group Art Unit: 1731

Examiner: Christopher A.
Fiorilla

Confirmation No.: 7662

**REQUEST FOR CONSIDERATION OF
INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants respectfully request consideration of the Information Disclosure Statement that was timely filed in the instant application on March 19, 2002, so that the information will be listed on the patent that will issue from this application. A Notice of Allowance was mailed on March 31, 2004. Applicants have not yet paid the issue fee.

Copies of the following, which were previously submitted in connection with the filing of the Information Disclosure Statement on March 19, 2002, are enclosed herewith:

1. Transmittal Form;
2. Information Disclosure Statement;
3. Form PTO/SB/08A;
4. 14 references cited on Form PTO/SB/08A;
5. Certificate of Express Mail; and

6. Return Receipt Postcard with Patent and Trademark Office stamp.

It is respectfully submitted that the above-listed information indicates that a proper and timely Information Disclosure Statement was filed with the U.S. Patent and Trademark Office on March 19, 2002 in the instant application. Accordingly, Applicants respectfully request consideration of the references listed on Form PTO/SB/08A and return of a copy of the form initialed by the Examiner.

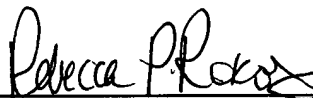
Applicants believe that there is no fee associated with this request. Should any fee be due, the Commissioner is hereby authorized to charge any fee or credit any overpayment to Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

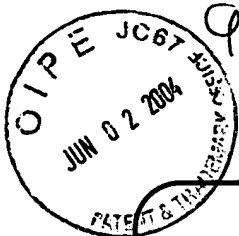
Dated: June 2, 2004

By:



Rebecca P. Rokos
Registration No. 42,109

10 South Wacker Drive
Chicago, IL 60606-7407
Tel: (312) 463-5000
Fax: (312) 463-5001



06-03-04

1731

PTO/SB/21 (02-04)

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**TRANSMITTAL
FORM**

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/005,656
	Filing Date	December 4, 2001
	First Named Inventor	Anthony C. Mulligan
	Art Unit	1731
	Examiner Name	Christopher A. Fiorilla
Total Number of Pages in This Submission	Attorney Docket Number	003248.00040

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Consideration of IDS including copies of attachments Return Receipt Postcard Certificate of Express Mail		
<table border="1"><tr><td>Remarks</td><td>The Commissioner is authorized to debit or credit any overpayment or deficiency to Deposit Account No. 19-0733.</td></tr></table>			Remarks	The Commissioner is authorized to debit or credit any overpayment or deficiency to Deposit Account No. 19-0733.
Remarks	The Commissioner is authorized to debit or credit any overpayment or deficiency to Deposit Account No. 19-0733.			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Rebecca P. Rokos Reg. No. 42,109
Signature	
Date	June 2, 2004

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Attorney Docket No. 003248.00040

PATENT

In re U.S. Patent Application of Mulligan et al.)

Application No. 10/005,656)

Filed: December 4, 2001)

Examiner: Unassigned

For: METHODS AND APPARATUS FOR)
PREPARATION OF THREE-)
DIMENSIONAL BODIES)

Art Unit: 1714

Assistant Commissioner for Patents
Washington DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 CFR §§1.97-1.98, applicants wish to make the following references of record in the above-identified application. Copies of the references cited below are enclosed. The references also are listed on the enclosed and completed Form PTO/SB/08A.

This Information Disclosure Statement is filed under 37 CFR §1.97(b) within three months of this application's filing date and/or before the mailing of a first Office Action on the merits. Accordingly, there is no fee due for filing this Information Disclosure Statement.

REFERENCES

U.S. Patents

- | | | | |
|----|-----------|--------------------------|--------------------|
| 1. | 6,063,502 | Sue, J. Albert, et al. | May 16, 2000 |
| 2. | 5,645,781 | Popovic', Dragan, et al. | July 8, 1997 |
| 3. | 4,772,524 | Coblentz, William S. | September 20, 1988 |

Foreign

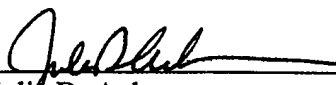
- | | | | |
|----|----------------|-----------------------------|---------------|
| 1. | WO 01/53059 A1 | Goretta, Kenneth C., et al. | July 26, 2001 |
|----|----------------|-----------------------------|---------------|

Non-Patent Literature Documents

1. J.J. BRENNAN and K. M. PREWO, "Silicon Carbide Fibre Reinforced Glass-Ceramic Matrix Composites Exhibiting High Strength and Toughness," *J. Mater. Sci.*, 17 2371-83 (1982).
2. G. HILMAS, et al., "Fibrous Monoliths: Non-Brittle Fracture from Powder-Processed Ceramics," *Mat. Sci. & Eng. A*195, 263-268 (1995).
3. G.E. HILMAS, et al., "SiC and Si₃N₄ Fibrous Monoliths: Non-Brittle Fracture From Powder Processed Ceramics Produced by Coextrusion," Vol. 51 *Ceramic Processing Science and Technology*, pp. 609-14 (1993).
4. H. KODAMA, et al., "Silicon Carbide Monofilament-Reinforced Silicon Nitride or Silicon Carbide Matrix Composites," *J. Am. Ceram. Soc.*, 72 [4] 551-58 (1989).
5. D. KOVAR, et al., "Fibrous Monolithic Ceramics" *J. Am. Ceram. Soc.*, 80 [10] 2471-2487 (1997).
6. P.J. LAMICQ, et al., "SiC/SiC Composite Ceramics," *Am. Ceram. Soc. Bull.*, 65 [2] 336-38 (1986).
7. T. I. MAH, et al., "Recent Developments in Fiber-Reinforced High Temperature Ceramic Composites," *Am. Ceram. Soc. Bull.*, 66 [2] 304-08 (1987).
8. K.M. PREWO, "Fiber-Reinforced Ceramics: New Opportunities for Composite Materials," *Am. Ceram. Soc. Bull.*, 68 [2] 395-400 (1989).
9. K.M. PREWO and J.J. BRENNAN, "High-Strength Silicon Carbide Fibre-Reinforced Glass-Matrix Composites," *J. Mater. Sci.*, 15 463-68 (1980).
10. J.R. STRIFE, et al., "Status of Continuous Fiber-Reinforced Ceramic Matrix Composite Processing Technology," *Ceram. Eng. Sci. Proc.*, 11 [7-8] 871-919 (1990).

Respectfully submitted

Date: March 19, 2002


Julie B. Ackerman
Registration No. 50,867
BANNER & WITCOFF, LTD.
10 South Wacker Drive
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Telephone: 312-715-1000
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Substitute for form 1449A/PTO

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Complete if Known

Application Number	10/005,656
Filing Date	December 4, 2001
First Named Inventor	MULLIGAN, Anthony C.
Group Art Unit	1714
Examiner Name	Unassigned
Attorney Docket Number	003248.00040

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US 6,063,502	May 18, 2000	Sue, et al.	
		US 5,845,781	July 8, 1997	Popovic, et al.	
		US 4,772,524	Sept. 20, 1988	Coblentz, William S.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 01/53059 A1	7/26/2001	Goretta, et al.		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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		J.J. BRENNAN and K. M. PREWO, "Silicon Carbide Fibre Reinforced Glass-Ceramic Matrix Composites Exhibiting High Strength and Toughness," <i>J. Mater. Sci.</i> , 17 2371-83 (1982)	
		G. HILMAS, et al., "Fibrous Monoliths: Non-Brittle Fracture from Powder-Processed Ceramics," <i>Mat. Sci. & Eng.</i> A195, 263-268 (1995)	
		G.E. HILMAS, et al., "SiC and Si ₃ N ₄ Fibrous Monoliths: Non-Brittle Fracture From Powder Processed Ceramics Produced by Coextrusion," Vol. 51 <i>Ceramic Processing Science and Technology</i> , pp. 609-14 (1993)	
		H. KODAMA, et al., "Silicon Carbide Monofilament-Reinforced Silicon Nitride or Silicon Carbide Matrix Composites," <i>J. Am. Ceram. Soc.</i> , 72 [4] 551-58 (1989)	
		D. KOVAR, et al., "Fibrous Monolithic Ceramics" <i>J. Am. Ceram. Soc.</i> , 80 [10] 2471-2487 (1997)	
		P.J. LAMICQ, et al., "SiC/SiC Composite Ceramics," <i>Am. Ceram. Soc. Bull.</i> , 65 [2] 336-38 (1986)	
		T.I. MAH, et al., "Recent Developments In Fiber-Reinforced High Temperature Ceramic Composites," <i>Am. Ceram. Soc. Bull.</i> , 66 [2] 304-08 (1987)	
		K.M. PREWO, "Fiber-Reinforced Ceramics: New Opportunities for Composite Materials," <i>Am. Ceram. Soc. Bull.</i> , 68 [2] 395-400 (1989)	
		K.M. PREWO and J.J. BRENNAN, "High-Strength Silicon Carbide Fibre-Reinforced Glass-Matrix Composites," <i>J. Mater. Sci.</i> , 15 463-68 (1980).	
		J.R. STRIFE, et al., "Status of Continuous Fiber-Reinforced Ceramic Matrix Composite Processing Technology," <i>Ceram. Eng. Sci. Proc.</i> , 11 [7-8] 871-919 (1990)	

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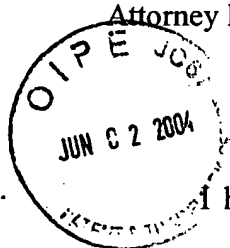
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Mulligan et al., U.S. Patent Application No. 10/005,656 for "METHODS AND APPARATUS FOR PREPARATION OF THREE-DIMENSIONAL BODIES"

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Serial No. 10/005,656

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Inventor Mulligan

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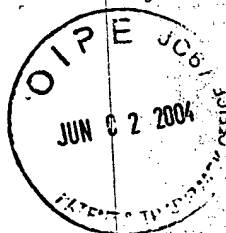
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/005,656
	Filing Date	December 4, 2001
	First Named Inventor	Mulligan
	Group Art Unit	1714
	Examiner Name	Unassigned
	Attorney Docket Number	003248.00040
Total Number of Pages in This Submission		

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 14 References Substitute ADS Certificate of Express Mail Return Postcard
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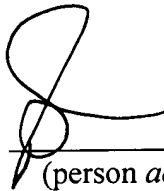


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By: 
(person *actually* depositing)

Application of: Anthony C. Mulligan, et al.

Application No.: 10/005,656

Filing Date: December 4, 2001

Title: Methods for Preparation of Three-Dimensional Bodies

- Transmittal Form PTO/SB/21, 1 page (in duplicate)
- Request for Consideration of Information Disclosure Statement, 2 pages
 - Transmittal Form
 - Information Disclosure Statement of March 19, 2002, 2 pages
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Attorney Docket No: 003248.00040